

CLAIMS

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1. Device (5) for memorizing a list of items intended to memorize any
5 item (J) last presented to it and comprising a first memory (3), characterised in
that it additionally comprises means responsible, when the first memory is full
and when a new item has to be memorized, for randomly selecting an item
memorized in the first memory to remove this selected item and to memorize
the new item presented.

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2. Device according to claim 1 capable of memorizing N items, N
being a natural integer, characterized in that it further comprises a second
memory (2) designed to continually memorize the M items that were last
presented to said device, M being a natural integer below N, the first
15 memory (3) being intended to memorize the N-M other items.

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3. Device according to one of claims 1 or 2, characterized in that it is
also adapted to supply information indicating whether the item (J) that was last
presented to it is already present in said device.

4. Device according to one of claims 1 to 3, characterized in that it
only contains one copy of each item memorized.

5. Device according to one of the previous claims, characterized in
25 that it also memorizes, with each item, the number of times that this item has
been presented to it.

6. Device according to claim 5, characterized in that it is adapted to
supply information indicating whether the item that was last presented to it has
30 already been presented to it for a number of times that exceeds a
predetermined number.

7. Method of memorizing an item (J) in a device (5) according to one of claims 2 to 4, characterized in that it comprises the steps consisting in

(a) receiving an item (J) that is presented to the device (5);

(b) verifying whether said item (J) is already present in said device

5 (5); and

- should said verification be positive, designating said item (J) as an item last memorized, and

- should said verification be negative, memorizing said item (J) in the device.

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8. Method according to claim 7, characterized in that in the event of negative verification in step (b):

- if the second memory (2) is not full, the item received (J) is memorized in the second memory (2); and

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- if the second memory (2) is full:

i) the oldest item memorized in said second memory is transferred to the first memory (3); and

ii) the item received (J) is memorized in the second memory (2); and

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iii) if the first memory (3) is full, then an item memorized in said first memory is selected at random to be removed so that the oldest item memorized in said second memory can be transferred to said first memory (3).